

"What is the politically correct phrase for 'detention'?"

Solve the systems of equations using the addition method.

The answer to each problem will match a letter that will allow you to figure out the joke.

1. $3x - 4y = 13$
 $2x + 4y = 2$

W. (12,6)

T. (2,-5)

2. $x - 3y = 5$
 $-x + 5y = 7$

O. (3,4)

L. (-6,7)

3. $y = -3x + 8$
 $y = 3x - 4$

Y. (3,-1)

U. (-5,2)

4. $2x - 3y = 19$
 $18x + 3y = 21$

N. (6,8)

I. (23,6)

5. $x + 3y = 15$
 $x + y = 1$

E. (21,-3)

S. (21,5)

6. $x - 7y = 42$
 $x + 6y = 3$

X. (4,-2)

D. (12,43)

7. $y = 4x - 5$
 $y = 3x + 7$

A. (2,2)

C. No Solution

8. $6x + 4y = 16$
 $-2x + 4y = -16$

M. (22,2)

H. (3,43)

6 8 2 4 7 6 5 3 1 6 7